

Abstract

Automatic draining apparatus for condensed water of an air conditioner is comprised of water collecting tank for
5 accumulating condensed water, siphon for draining condensed water contained in the water collecting tank to outside, inlet of the siphon being provided in the water collecting tank and outlet of the siphon being provided at outside, and a level of the outlet being placed at a lower level of the inlet, water
10 supplying pump being connected to the inlet and activated for a while according to a level of the condensed water and supplying the condensed water to the siphon, and water level sensor for operating the water supplying pump when the condensed water level is reached at a maximum level. Further,
15 the water collecting tank is installed in or out of indoors unit of an air conditioner.

It can be easily installed and most of the water can be exhausted by a siphon action with non-power, leading the significant reducing operation time of the water discharge
20 pump.